

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Prior Application: S. TOKITA et al  
USSN 09/247,809  
Filed: February 11, 1999

Group Art Unit: 2633  
Examiner: D. Tran  
For: OPTICAL TRANSMITTER AND OPTICAL  
TRANSMITTING APPARATUS  
USING THE SAME

PRELIMINARY AMENDMENT

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

IN THE SPECIFICATION

Please amend the specification as set forth below.

Page 1, before the first line of the specification please insert the sentence:

--This application is a divisional application of U.S. Serial No. 09/247,809, filed February 11, 1999.--

IN THE CLAIMS

Cancel claims 1, 2 and 4-20, and rewrite claim 3 as follows:

3. (Once Amended) The optical transmitter for coupling to communication devices though an optical divider/coupler, having a source outputting a drive current, a light-emitting element, for outputting an optical signal to an optical fiber

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coupled to at least one of the communication devices, that is driven by the drive current for generating an optical output signal and, a modulator controlling the supply and cutoff of the drive current to the light-emitting element, comprising:

a detecting circuit that detects a source voltage;  
and

a control circuit that stops, if the detected source voltage is lower than the predetermined voltage, the supply of the drive current to the light-emitting element,

further comprising a temperature detector that measures a temperature of the light-emitting element and a pulse width correction circuit for varying, according to a measured temperature, a pulse width of a light-on/off signal to be supplied to the modulator.

REMARKS

Examination is respectfully requested.

Respectfully submitted,



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## MARKED UP VERSION OF REWRITTEN CLAIMS

3. (Once Amended) The optical transmitter [according to claim 1,] for coupling to communication devices though an optical divider/coupler, having a source outputting a drive current, a light-emitting element, for outputting an optical signal to an optical fiber coupled to at least one of the communication devices, that is driven by the drive current for generating an optical output signal and, a modulator controlling the supply and cutoff of the drive current to the light-emitting element, comprising:

a detecting circuit that detects a source voltage;

and

a control circuit that stops, if the detected source voltage is lower than the predetermined voltage, the supply of the drive current to the light-emitting element,

further comprising a temperature detector that measures a temperature of the light-emitting element and a pulse width correction circuit for varying, according to a measured temperature, a pulse width of a light-on/off signal to be supplied to the modulator.